

IN THE CLAIMS

1. (Currently Amended) A digital camera comprising:
a control subsystem comprising a microprocessor;
an imaging subsystem in communication with the controlled subsystem; and
a power management subsystem in communication with the control subsystem,
the power management subsystem comprising:
power selection-isolation circuitry for isolating at least two power sources;
battery charging circuitry in communication with the power selection-isolation circuitry; and
power arbitration circuitry in communication with the power selection-isolation circuitry and the battery charging circuitry.
2. (Original) The digital camera of claim 1 further comprising a user interface subsystem for providing a camera status and initiating a camera function.
3. (Original) The digital camera of claim 2 wherein the power arbitration circuitry comprises:
a camera wakeup generation module in communication with the user interface subsystem; and
a failsafe reset module in communication with the wakeup generation module and the microprocessor.
4. (Original) The digital camera of claim 3 wherein the user interface subsystem comprises:
a user accessible actuator for implementing a camera function;

an inverter having an input in communication with the user accessible actuator and an output in communication with the wakeup generation module;

an active pull-up latch in communication with the inverter input and the inverter output;

a first active pull-up in communication with the inverter input adapted to receive a first control signal; and

a second active pull-up in communication with the inverter input adapted to receive a second control signal.

5. (Original) The digital camera of claim 4 wherein the user accessible actuator comprises a switch.

6. (Original) The digital camera of claim 4 wherein the user accessible actuator comprises a button.

7. (Original) The digital camera of claim 4 wherein the first control signal comprises a strobed signal.

8. (Original) The digital camera of claim 4 wherein the second control signal comprises a logic signal active at a power off state.

9-37 (Withdrawn)

38. (Original) A digital camera comprising:
a means for controlling operation;
a means for acquiring an image;

a means for managing power in communication with the acquiring means, the power-management means comprising:

a means for controlling power

a means for charging a battery in communication with the power-control means;

a means for arbitrating power in communication with the power-control means and the battery-charging means.